

## ABSTRACT

Age 0-24 months children is a period of rapid growth and development, so often termed the golden period at the same critical period. Golden period can be realized if at this time infants and children receive appropriate nutrition for optimal growth and development. The purpose of this research was to analyze the effect of Tempeh Complementary Feeding assistance to knowledge, attitudes, skills mother to changes in nutritional status and nutrient intake of children aged 6-24 months in Puskesmas Janti Malang. This is a pre experimental study. The research was conducted in Posyandu Edenium Puskesmas Janti Malang, with a sample of 20 children age 9-24 months respectively for the treatment and control groups. Treatment group received 80 days, the research was done from May 2014 until August 2014 tempeh complementary feeding. Varian of tempeh complementary feeding is tempeh only, tempeh and chicken, tempeh and corrot, tempeh and fish. Data analysis was using Chi square test, Paired test and Mann whitney test. The results showed that significant different in the increase of nutritional status indicators weight, lenght and food intake (energy, protein, iron, vitamine C, zinc and calsium) before and after intervention ( $p = 0,000$ ). We conclude, that tempeh complementary feeding may improve nutritional status and food intake of children age 9-24 months.

**Keywords :**

Tempeh Complementary Feeding, Nutritional Status, Food Intake